Department of Environmental Resources

. 1875 New Hope Street Norristown, PA 19401 215 279-1921

CRIGINAL (RED)

Hay 29, 1984

Pavid A. Jackson Chester County Mealth Department 326 North Walnut Street West Chester. PA

Pear Mr. Jackson:

This is in reply to your letter of May 15, 1984 regarding the contamination of etresa sediment in the West Brand of Red Clay Greek.

We have reviewed the data you submitted and have taken the liberty to telk with USCS personnel directly regarding the analyses.

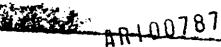
As you know we have a study in progress to determine the sources of pesticide and PCB contamination and have provided you with a copy of our most recent stream sediment data for PCDs and pesticides.

We have identified the major source of the PCB contamination. The responsible company (NVF) has implemented measures to remove the source of PCB's and is now develoing a complurehensive study of groundwater, surface water and stream sediment to determine the extent of the PCB contamination and to develope a "clean-up" plan. We have recently instructed NVF to broaden their study to include other priority polluntants.

Our pesticide study to date indicates ENT (and its related compounds) is the most significant pesticide contaminant. An unmared tributary to the Vest Branch of the Red Clay Creek flowing from the Toughkenamon area appears to be a major source of PDT's. We will implement additional sampling to confirm this initial finding and attempt to isolate sources of PDT.

The additional organic compounds found by the USGS seem to be combustion-related or coal-tar derivatives. Our initial opinions that the injority of these compounds originated from the Poznesky juniously fire which occurred on May 29-30, 1980. Many of the compounds found by USGS in the sediment sample were previously detected by our laboratory in a stress-water sample collected on May 30, 1980, downstress of the junkyard.

We plan to obtain additional sediment and soil samples in the area to confirm or deny or preliminary assessment. We are also interested in obtaining ground-water samples in the area. If you have any groundwater sample results we would be very interested in obtaining a copy.





The additional survey work we have detailed above is still in the planning stage and is dependent on the availability of our laboratory. If you have any suggestions and/or desire to coordinate or assist in the suppling you and your staff are most welcome.

Very truly yours,

JOSEPH A. PEDLA Regional Water Quality Memager

cc: Mr. Stanley Mr. Knorr Ms. Steele @ 30 3V145.4 ORIGINAL (RED)

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